

## Red No. 28 D&C Lake

### Specification Sheet

**Description:** Color group: red (dye content 22-27%). Organic, FDA-approved, high-purity aluminum lake pigment. Chemical class: xanthene.

**CAS:** 15876-58-1

**INCI Name:** CI 45410 (red no. 28 D&C lake)

**Composition:** CI 45410 (red no. 28 D&C lake)

**Appearance:** Fine red powder

**Benefits:**

- Provides superior color purity and saturation
- Very good dispersibility and no aggregate formation when dispersed in liquids

**Use:** Can be tinted with titanium dioxide to create light red/pink shades. For best results wet in oil before use. For external use only.

**Applications:** Decorative cosmetic products including lip and eye care products, face makeups, personal care products, soaps.

**Solubility:** Partially soluble in water, miscible in oils

**Preservation:** Preservative-free

**Storage:** Store light-protected at a cool and dry place.

**Country of Origin:** Germany

**Raw material source:** Tetrabromotetrachlorofluorecein

**Manufacture:** D&C Red No. 28 (chemical name: aluminum Salt of 2,4,5,7 -tetrabromo-4,5,6,7-tetrachloro fluorescein) is manufactured synthetically by alkaline hydrolysis of the parent tetrabromotetrachlorofluorecein. The dye is combined with aluminum to create a stable pigment (lake).

**Animal Testing:** Not animal tested.

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**GMO:** GMO-free (does not contain plant-derived components)

**Vegan:** Does not contain animal-derived components

**HS Code:** 3204130000

**Regulatory Information:** Red No. 28 D&C Lake is a FDA-approved color additive and is subject to batch certification. It may be safely used for coloring cosmetics generally in amounts consistent with current good manufacturing practice. Batch certification means that this product has been certified batch by batch by the FDA. When we open such a FDA-certified package and repack it for you into smaller sizes, the repacked containers lose their certification. For this reason, you are not permitted by the FDA to use repacked certified color additives for producing cosmetics for resale. Please contact us if you need batch certified colors (they are available only in larger sizes).